

Wichita Falls residential listings are not included in the Brazos directory. Archer City provides police protection, fire protection, water services, sewer services, and library services to its citizens. The Archer City Independent School District provides public education.

Conclusion

The Commission's allocation priorities⁶ are as follows:

- 1) First Fulltime Aural Service.
- 2) Second Fulltime Aural Service.
- 3) First Local Service.
- 4) Other Public Interest Matters.

The proposed re-allocation of Channel 248 C2 from Olney to Archer City, in tandem with the allocation of the replacement, Channel 270 C2 service at Olney, would trigger priority 3 as it would provide Archer City its first local service as well as the first service in Archer County.

Priority 4 is also triggered by virtue of the fact that Channel 248 C2 at Archer City could serve 110,599 persons more than the KRZB construction permit facilities, this while creating no white or gray area. Thus, the public interest is clearly served and, in light of Grace Communication's desire to provide additional service, it is respectfully requested that 47 CFR 73.202 (b), FM Table of Allotments, be amended to read as follows:

Community	Present	Proposed
Archer City, TX	-----	248 C2
Olney, TX	248 C2	270 C2

Methodology

All information for FM facilities was gleaned from the August 4, 1997 release of the Commission's FM database and all AM information was extracted from the August 4, 1997 release of the Commission's AM database. All height above average terrain calculations were based on 8 cardinal radials as set forth in 47 CFR 73.313 and terrain data was extracted by a linear interpolation of the NGDC 30 second terrain database.

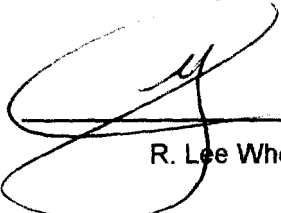
⁶ See 90 FCC 2d 88, 91 (1982)

Predicted service contours were based on 360 evenly spaced radials for FM facilities and 72 evenly spaced radials for AM services. AM distance to contour calculations were made based on the equivalent distance method and all ground conductivities were extracted from a digital model of the M3 conductivity maps. All population determinations were based on a digital overlay of minor civil subdivision data as provided by the PL-94-171 census data files. The census files draw data from the 1990 US Census and rely on the block centroid retrieval methodology. Area determinations were measured by employing a K&E model 620000 Polar Planimeter.

Certification

All information contained in this report is true and accurate to the best of my belief. Having had numerous matters before the Commission, my qualifications are a matter of record.

8/6/97
Date

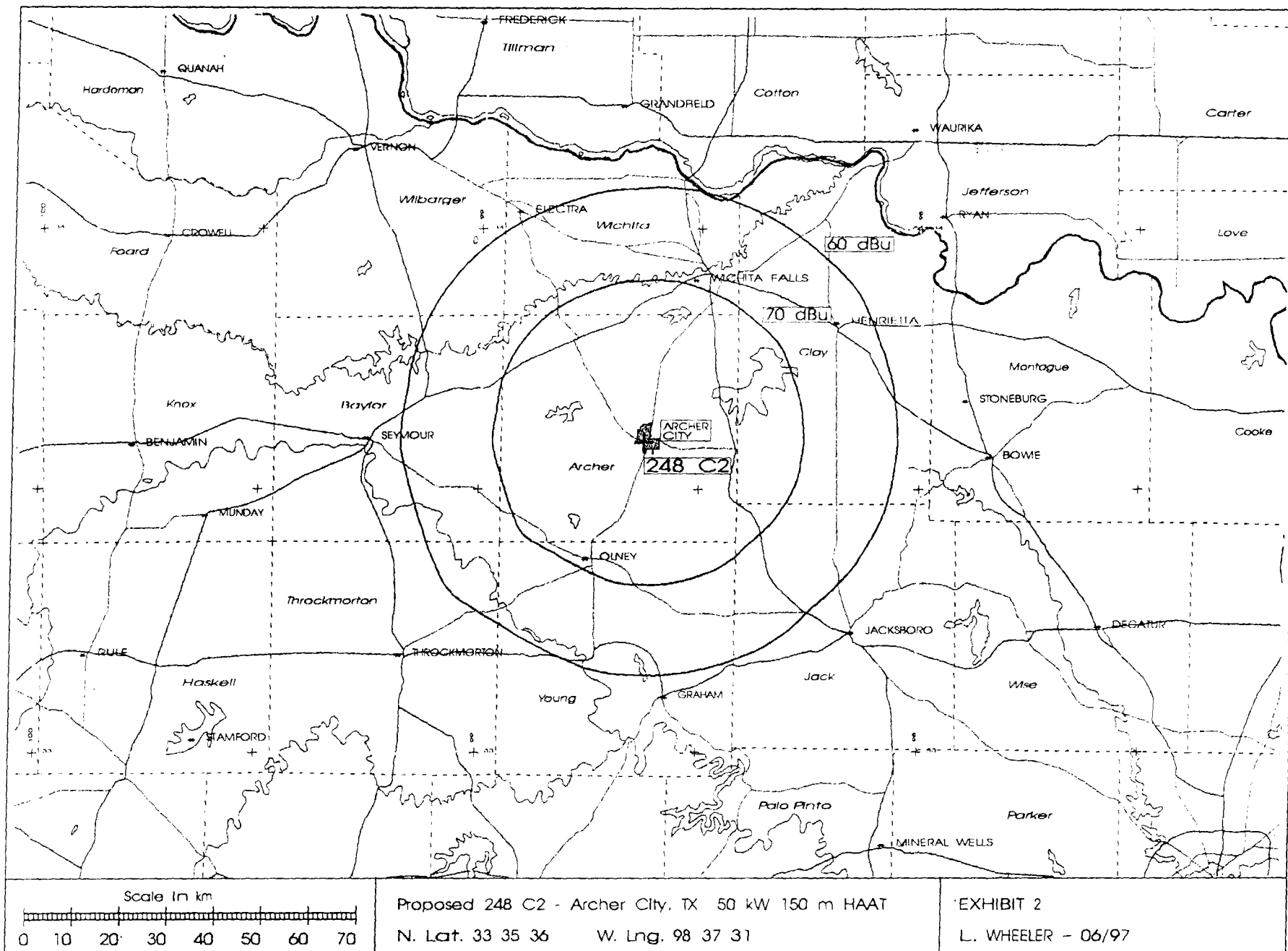

R. Lee Wheeler

WHEELER BROADCAST CONSULTING
6025 Martway - Suite 112 - Mission KS 66202

Texas Grace Communications
Archer City, TX

REFERENCE		DISPLAY DATES
33 35 36 N	CLASS C2	DATA 08-04-97
98 37 31 W	Current rules spacings	SEARCH 08-06-97
----- CHANNEL 248 - 97.5 MHz -----		

CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
KRZB.C	248C2	Olney	TX	202.5	26.95	190.0	-163.05 *
CP CN	33 22 08	98 44 11	50.000 kW	88M	16.8	118.1	
	Texas Grace Communications				BPH960201MB		980407
KLAK	248C2	Durant	OK	83.0	193.62	190.0	3.62
LI CN	33 47 14	96 33 00	45.000 kW	157M	120.3	118.1	
	Lake Broadcasting, Inc.				BLH870623KA		
KLAK.C	248C2	Durant	OK	86.3	202.72	190.0	12.72
CP CN	33 41 31	96 26 36	27.000 kW	205M	126.0	118.1	
	Lake Broadcasting, Inc.				BPH970129IC		981225
KEASFM	249A	Eastland	TX	186.0	133.47	106.0	27.47
LI CN	32 23 47	98 46 26	3.000 kW	62M	82.9	65.9	
	WDS Broadcasting Co.				BLH870130KB		
KWTXFM	248C	Waco	TX	153.7	280.35	249.0	31.35
LI CY	31 19 19	97 18 58	100.000 kW	478M	174.2	154.8	
	Gulfstar Communications Waco				BMLH881209KA		
KJMZ	251C1	Lawton	OK	12.7	113.47	79.0	34.47
LI HN	34 35 27	98 21 10	100.000 kW	61M	70.5	49.1	
	Sovereign Broadcasting, Inc.				BLH4928		
>Horizontally polarized only							

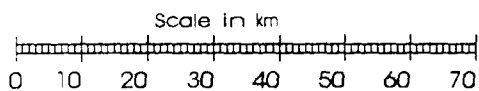
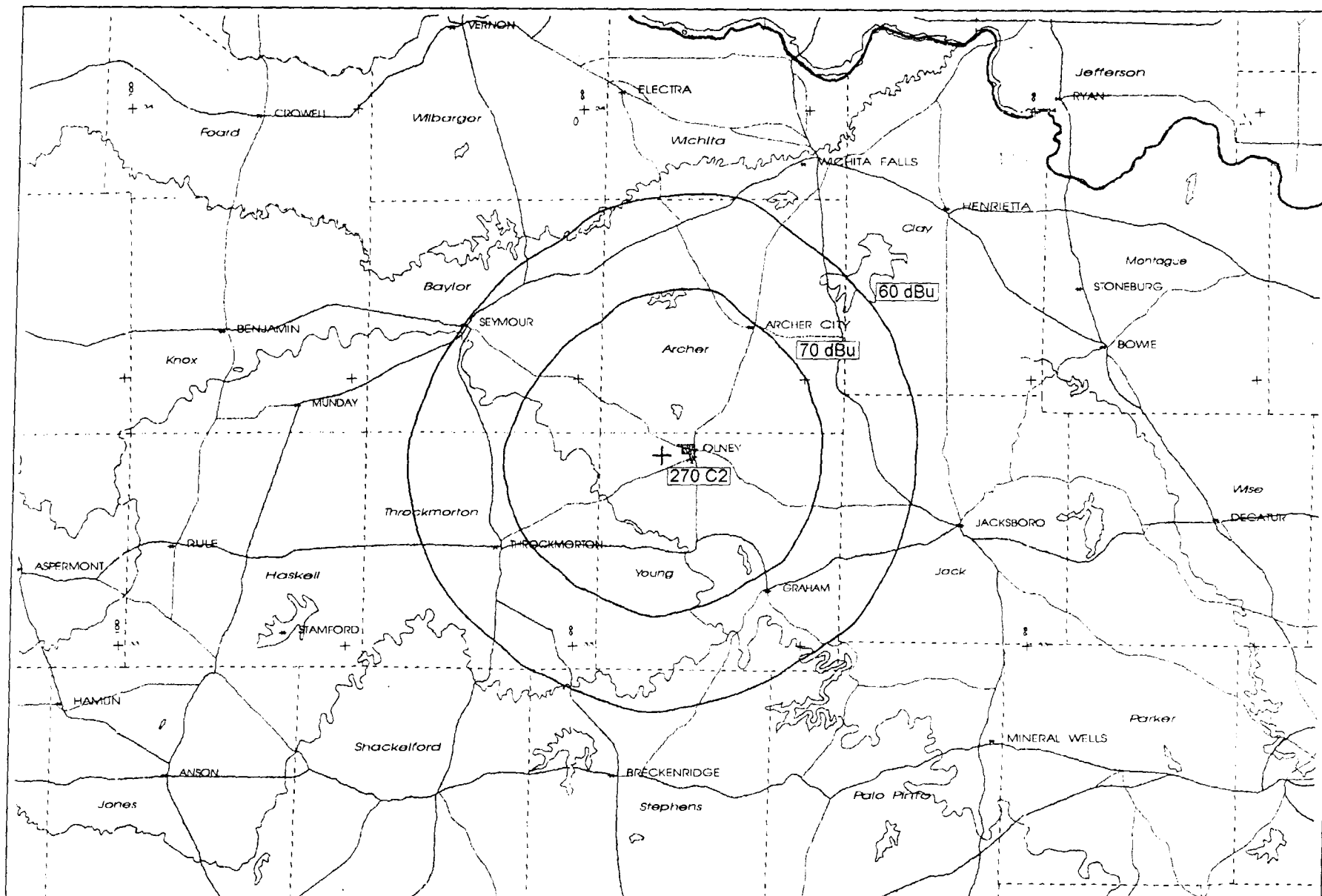


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Texas Grace Communications
Olney, TX

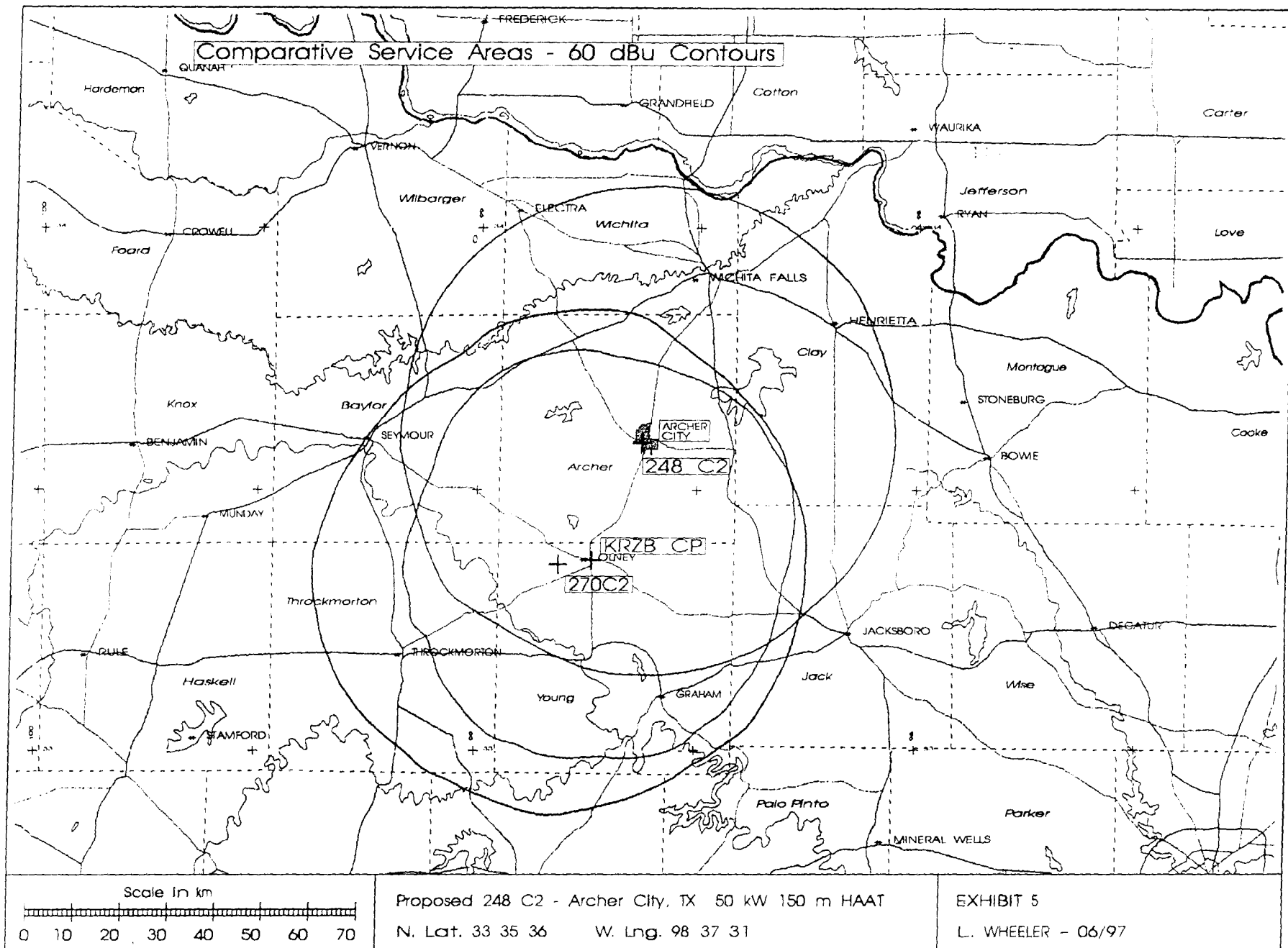
REFERENCE		DISPLAY DATES
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98 48 42 W	Current rules spacings	SEARCH 08-06-97
----- CHANNEL 270 -101.9 MHz -----		

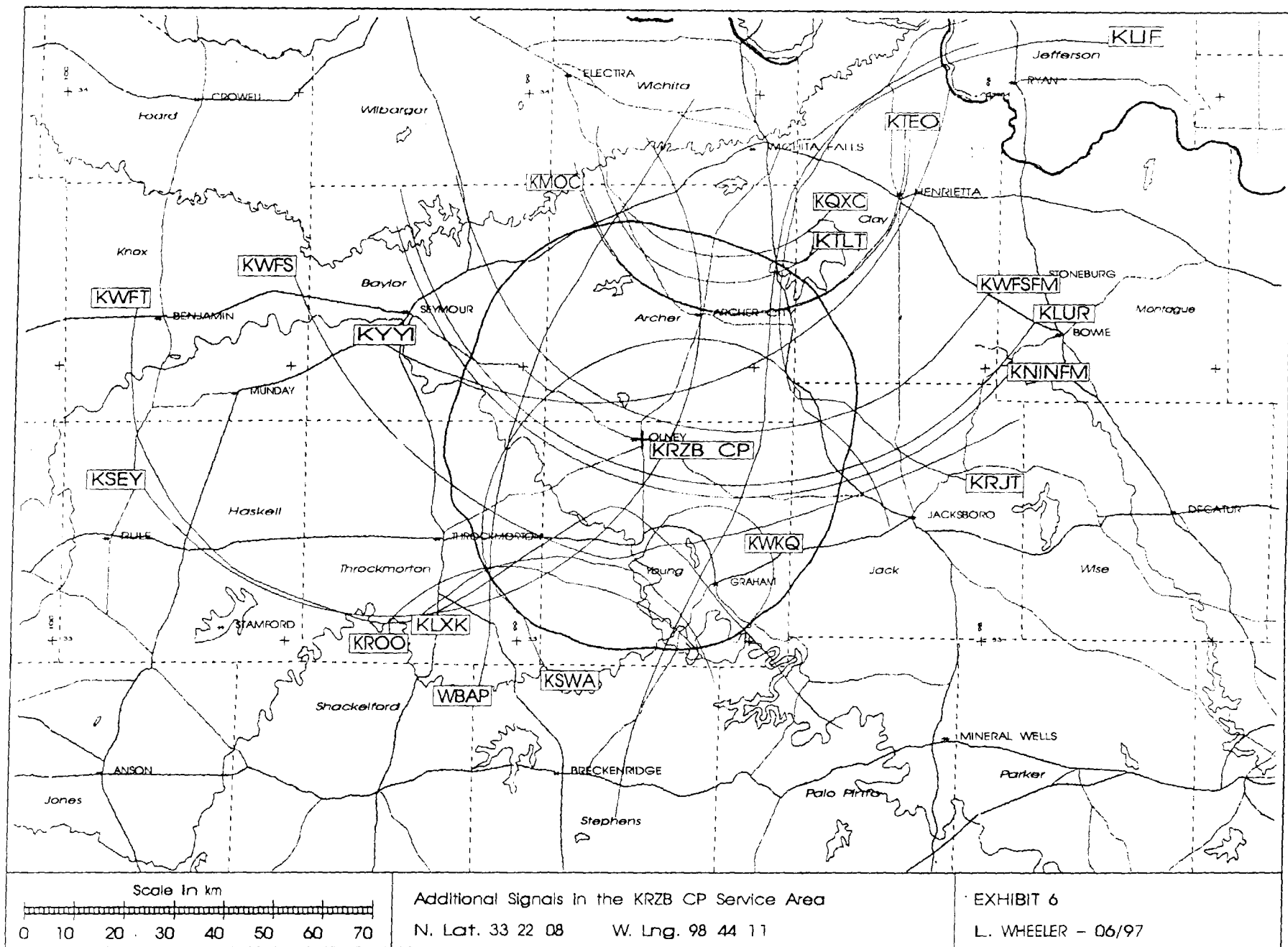
CALL TYPE	CH# LAT	CITY LNG	STATE PWR	BEAR' HT	D-KM D-Mi	R-KM R-Mi	MARGIN (KM)
KJKB.C	269A	Jacksboro	TX	104.1	59.77	106.0	-46.23 *
CP CN	33 13 44	98 11 22	6.000 kW	64M	37.2	65.9	
Hunt Broadcasting, Inc.					BPH900524MA		970417
>*To Channel 299A per D96-10							
>Petition for Recon D96-10 filed 2-28-97							
KIKM.A	269C1	Denison-Sherman	TX	82.7	158.00	158.0	0.00 *
AP ZCN	33 31 47	97 07 28	33.000 kW	461M	98.2	98.2	
Hunt Broadcasting, Inc.					BPH960712IH		
KTXX	271C	Fort Worth-Dallas	TX	116.3	192.17	188.0	4.17
LI CY	32 34 54	96 58 32	100.000 kW	441M	119.4	116.8	
CBS, Inc.					BLH910508KB		
KTST	270C	Oklahoma City	OK	27.2	257.38	249.0	8.38
LI CN	35 24 54	97 30 37	27.000 kW	167M	160.0	154.8	
Clear Channel Radio Licenses,					BLH930722KA		
>** This license is for an AUXILIARY facility of KTST, Oklahoma City							
KQXC	273A	Wichita Falls	TX	19.1	68.25	55.0	13.25
LI ZCN	33 56 30	98 34 07	4.500 kW	96M	42.4	34.2	
Sam F. Beard and Pamela S. Be					BLH940118KB		
KTST	270C	Oklahoma City	OK	26.0	271.16	249.0	22.16
LI CY	35 32 58	97 29 50	100.000 kW	423M	168.5	154.8	
Clear Channel Radio Licenses,					BLH861020KH		
KWFR.C	270C1	San Angelo	TX	219.5	253.55	224.0	29.55
CP CN	31 35 21	100 31 00	100.000 kW	246M	157.6	139.2	
Foster Communications Company					BPH870921MB		920725
KWFR.A	270C1	San Angelo	TX	216.7	257.42	224.0	33.42
AP CN	31 29 29	100 26 03	100.000 kW	104M	160.0	139.2	
Foster Communications Company					BMPH970509IC		
KWFR.C	270C1	San Angelo	TX	216.7	257.42	224.0	33.42
CP CN	31 29 29	100 26 03	100.000 kW	107M	160.0	139.2	
Foster Communications Company					BPH950313IE		961123
KVWCFM	272A	Vernon	TX	334.5	97.59	55.0	42.59



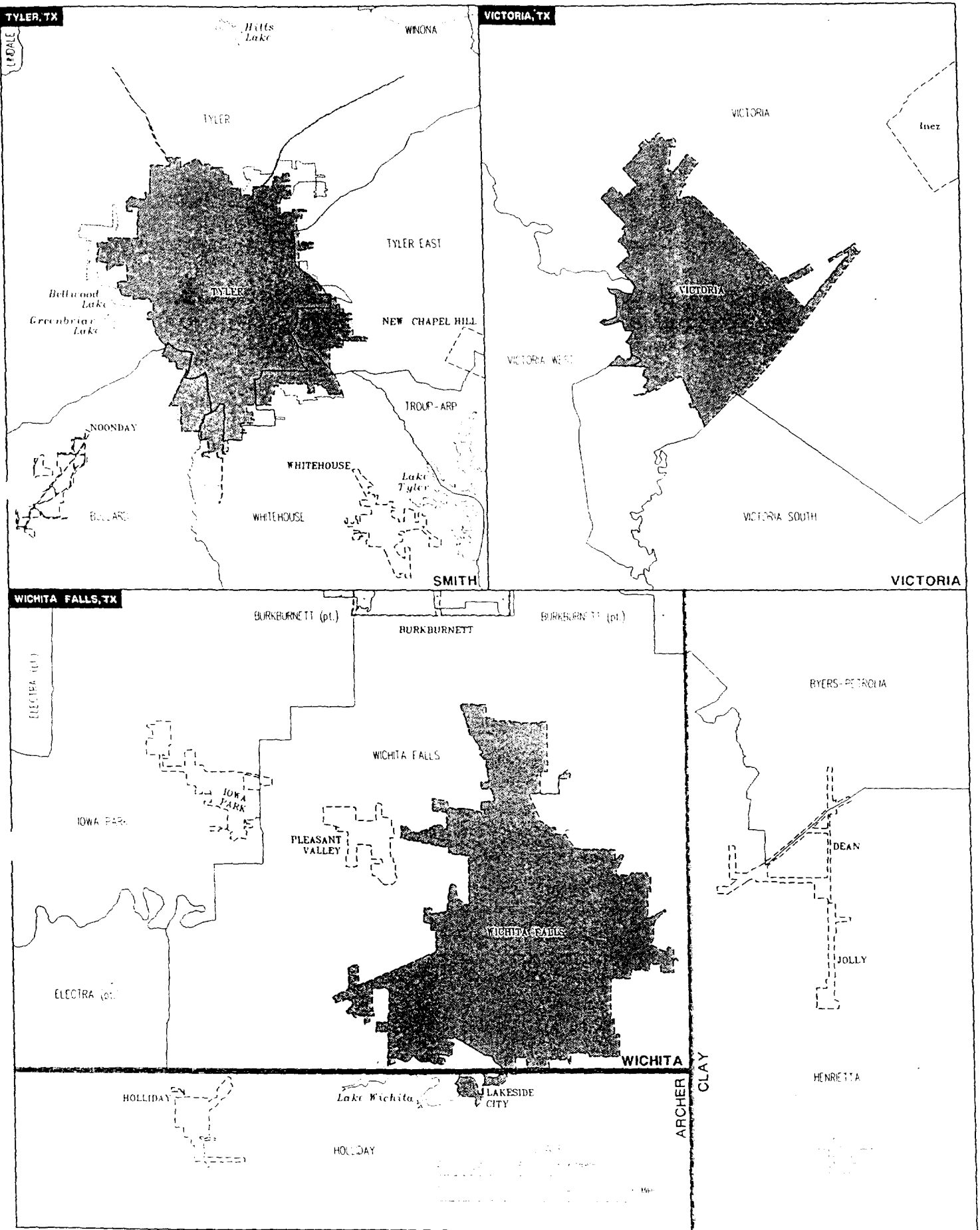
Proposed Olney Allocation Channel 270 C2 50 kW 150 M HAA^T
 N. Lat. 33 21 39 W. Long. 98 48 42

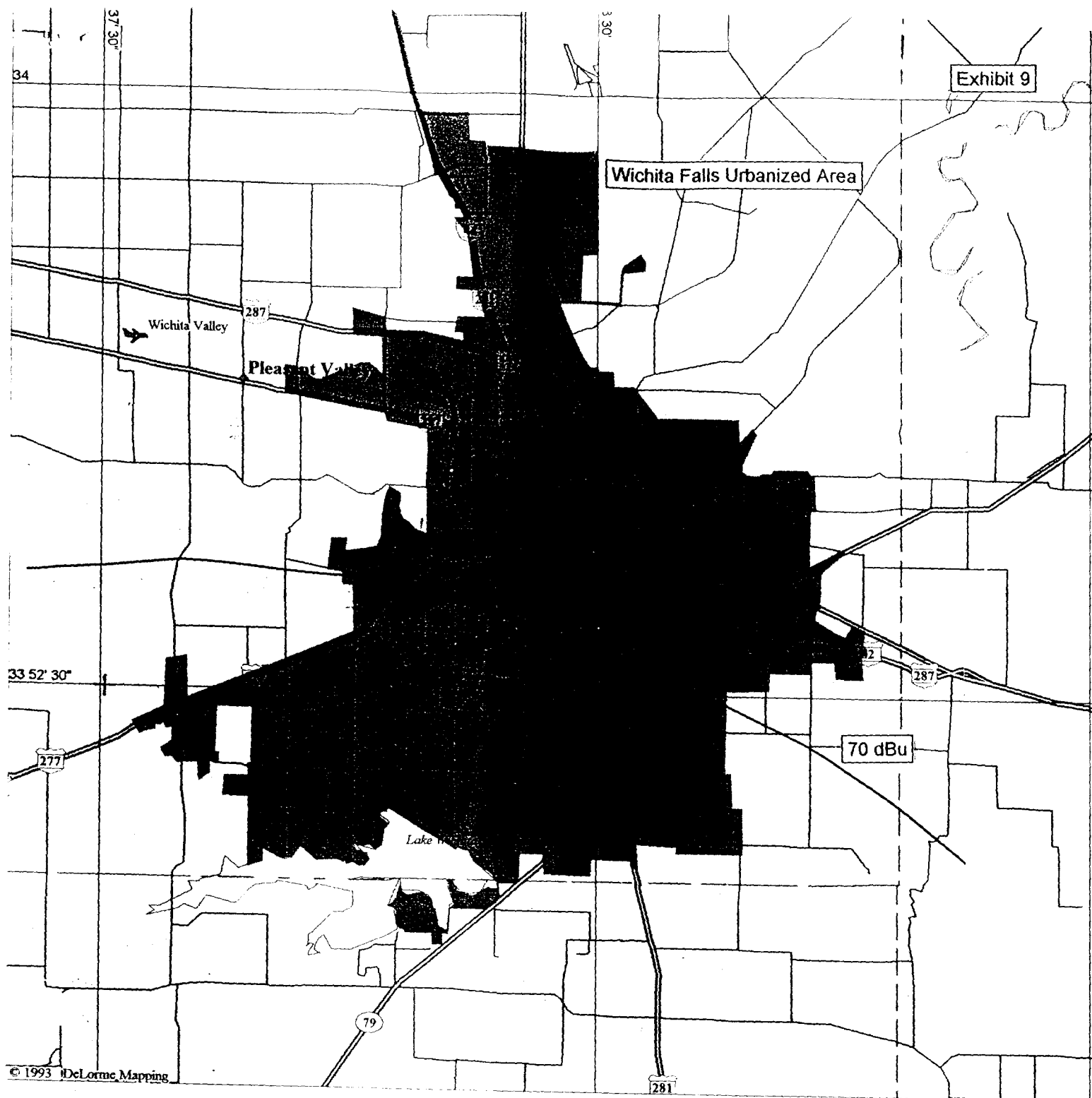
EXHIBIT 4
 L. WHEELER - 06/97





Urbanized Areas





LEGEND

- ◆ Town, Small City
- ◆ Large City
- US Highway
- County Boundary
- Population Center
- Major Street Road
- Interstate Highway

- State Route
- US Highway
- Open Water

Scale 1:125,000 (at center)

2 Miles

2 KM

Mag 12.00

Tue Jun 24 13:24:28 1997